

Attorney Docket No. 01178/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. TAKAO, ET AL

Serial No. : 09/817,093

Filed : March 26, 2001

For : MULTILAYER PIEZOELECTRIC  
ACTUATOR WITH ELECTRODES  
REINFORCED IN CONDUCTIVITY

Art Unit :

Examiner :

**SUBMISSION OF SIGNED DECLARATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Att: Application Branch

S I R :

Responsive to the Patent Office Notice mailed May 7, 2001, the term for response to which expires on July 7, 2001, submitted herewith is a Declaration executed by the inventors, referring to the application by Serial Number and filing date.

RE: **FOURTH INVENTOR'S FIRST NAME**

The Transmittal Letter dated March 26, 2001 incorrectly set forth the fourth-listed inventor's **first name**.

The correct **first name** for the fourth-listed inventor is

**KAZUNOBU MATSUKAWA**

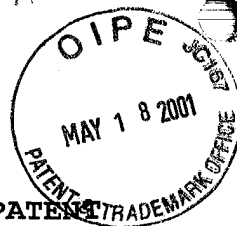
The enclosed executed Declaration sets forth the correct names of all of the inventors, namely:

Fumio TAKAO

Hideaki KOSAKA

Narumi OGURA

**Kazunobu MATSUKAWA**



**CERTIFICATE OF MAILING**

I hereby certify this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date noted below.

Attorney: Leonard Holtz

Dated: May 16, 2001

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.



**01933**

PATENT TRADEMARK OFFICE

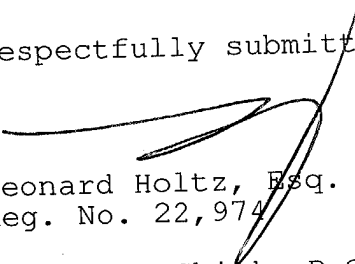
A copy of the previously issued Filing Receipt, marked-up in red to correctly set forth the first name of the fourth-named inventor as **Kazunobu**, is attached.

It is respectfully requested that the Patent Office issue a corrected Filing Receipt and correct its records to correctly list the fourth-named inventor as **Kazunobu** MATSUKAWA on all Patent Office records.

A check for \$130.00 is enclosed to cover the Patent Office fee for submission of the signed Declaration.

It is respectfully requested that prosecution on the merits now proceed.

Respectfully submitted,

  
Leonard Holtz, Esq.  
Reg. No. 22,974

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UNITED STATES PATENT AND TRADEMARK OFFICE

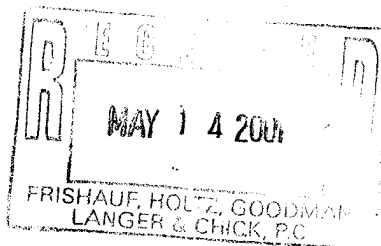


COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/817,093	03/26/2001	Fumio Takao	01178/LH

CONFIRMATION NO. 7731

01933  
FRISHAUF, HOLTZ, GOODMAN &  
LANGER & CHICK, PC  
767 THIRD AVENUE  
25TH AVE  
NEW YORK, NY 10017-2023



FORMALITIES LETTER



\*OC000000006046086\*

Date Mailed: 05/07/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

*AM*  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

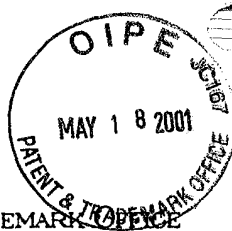
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UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP:ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/817,093	03/26/2001	2834	710	01178/LH	6	10	3

CONFIRMATION NO. 7731

01933

FRISHAUF, HOLTZ, GOODMAN &  
LANGER & CHICK, PC  
767 THIRD AVENUE  
25TH AVE  
NEW YORK, NY 10017-2023

## FILING RECEIPT



\*0C000000006046085\*

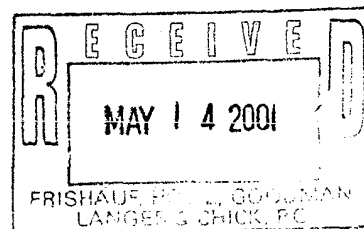
Date Mailed: 05/07/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Fumio Takao, Fukuoka, JAPAN;  
Hideaki Kosaka, Hyogo, JAPAN;  
Narumi Ogura, Hyogo, JAPAN;  
~~Makoto~~ Matsukawa, Hyogo, JAPAN;

KAZUNOBU



## Assignment For Published Patent Application

Tokin Ceramics Corporation, Shiso-gun, JAPAN;

## Domestic Priority data as claimed by applicant

## Foreign Applications

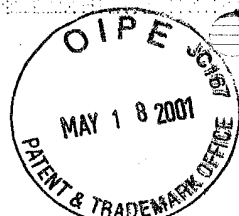
JAPAN 92201/2000 03/29/2000

If Required, Foreign Filing License Granted 05/04/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No



**Title**

Multilayer piezoelectric actuator with electrodes reinforced in conductivity

**Preliminary Class**

310

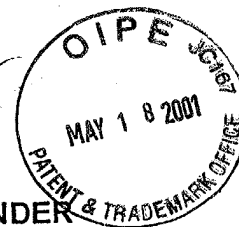
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**Data entry by :** MUSLIM, ALIA

**Team :** OIPE

**Date:** 05/07/2001





**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

